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**CONSTRUCTION MANAGER'S  
WEEKLY STATUS REPORT  
FOR THE WEEK  
11/6/08 – 11/12/08**

**RECONSTRUCTION OF BENNING ROAD, NE  
FROM 14<sup>TH</sup> AND H STREET TO OKLAHOMA AVENUE  
CONTRACT NO. POKA 2005 - C - 0031 – CB**

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Demolition of the roadway. Continuation of the excavation work along the curblane, east of Oklahoma Ave.

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## EXECUTIVE SUMMARY

### Project Description

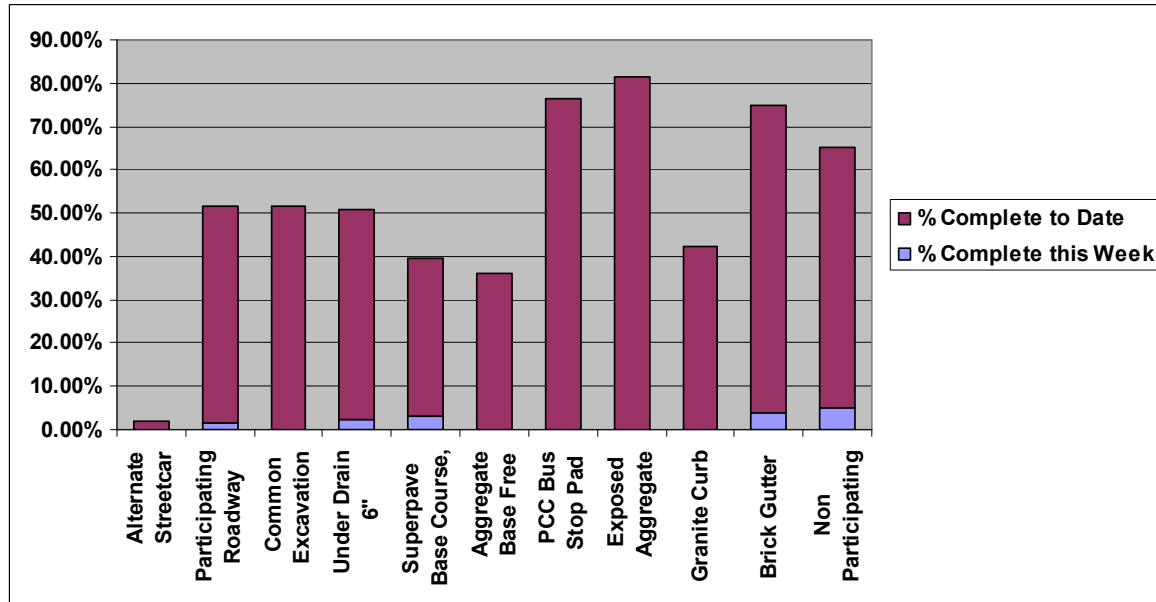
The project involves the phased reconstruction of the eastbound and westbound Benning Road, NE from 14<sup>th</sup> and H Street to Oklahoma Ave. The project also includes portions of Maryland Avenue and Bladensburg Road. Work on the project includes the following:

- Pavement Restoration with the placement of brick gutter and granite curbs adjacent to asphalt over aggregate sub base.
- Sidewalk restoration featuring exposed aggregate sidewalks surface treatment
- Safety Improvements—crosswalks, wheel chair ramps, and driveway entrances
- Streetlight and Traffic Signal Upgrades—Pedestrian level lighting, improved streetlights, upgraded traffic signal and timing
- Drainage Upgrades—New inlet basins, sewer line upgrades
- DCWASA-upgrades to water main lines
- Landscaping upgrades featuring the construction of the Starburst Plaza which will include a historical mural and multiple outdoor attractions for the neighborhood.
- Streetcar tracks: DDOT plans to install tracks from the intersection of Oklahoma Avenue and Benning Road to 3<sup>rd</sup> Street along H Street. Tracks will be installed on the eastbound and westbound lanes.
- Coordination with multiple utility companies performing construction activities within the project limits.

The total value of the contract at award to Capitol Paving of DC, Inc. is \$35,448,123.90. The notice to proceed date was December 12, 2007 with project duration of 730 calendar days for scheduled completion date of December 11, 2009.

## Progress

Percent complete for Alternate Streetcar Work, Participating Roadway and WASA work are shown in the graph below. Participating Roadway is further broken down in the following key activities: Common Excavation, Under Drain 6", 19 mm Asphalt Placement, 25 mm Free Drain Placement. Bus Stop Pads, Exposed Aggregate Sidewalk, Granite Curb and Gutter.



## WORK PERFORMED

For the week ending November 12, 2008, the following specific construction progress has been made in the areas listed:

### 1. Thursday 11/6:

#### Benning Road:

Opening of the intersection at 26<sup>th</sup> Street upon placement of the temporary asphalt in the roadway. Excavation for the installation of the 6" ductile iron pipe and the installation of the fire hydrant at 19<sup>th</sup> Street. Excavation for the 6" Underdrain and the installation and concreted encasement of the 1-@ electrical conduit on the southside between 17<sup>th</sup> Street and 18<sup>th</sup> Street. Placement of the concrete for the cast in place street light foundations for L#4, L#6 and L#8 between 16<sup>th</sup> street and 17<sup>th</sup> street. Excavation of the existing waterline construction of the 24" ductile Iron pipe for the Watermain "A". at the intersection fo 16<sup>th</sup> Street. Excavation for and the installation of the 6" and 12" ductile iron pipe with valve at the southwest corner of 17<sup>th</sup> Street. Installation of the shoring work at Watermain "D" on the north side of the 1500 Block. Installation of the brick gutter and installation of the roadway on the south side of the 1500 Block.

#### PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Work on Manhole #7 and manhole #3.

#### Washington Gas:

Continuation of the excavation work for the installation of the gas line. Installation of 100LF of 6" Gasline. 3 service connection made at residences 1833, 1835, 1837 Benning Road.

#### Capitol Paving Removal/ Replacement of N/B Curblane:

Contractor commence work o this activity. Work began on the demolition of the roadway.

### 2. Friday 11/7:

#### Benning Road:

Demolition and excavation of the existing roadway on the south side between 17<sup>th</sup> Street and 19<sup>th</sup> Street. Excavation work for the 6" Ductile Iron Pipe on the south side at the intersection of 19<sup>th</sup> Street. Installation of the 6" Underdrain on the southside between 17<sup>th</sup> Street and 18<sup>th</sup> Street. Installation of the 2-28'6" Tall Pendent Post Street Light Poles L#77 and L#80 at Oklahoma Ave. Installation of 1-20' steel traffic signal pole at the north side of Oklahoma. Installation of the 2-28'-6" Pendant Post Street Light Poles L#72 and L#73 at the north east corner of 26<sup>th</sup> Street. Installation of a 20' steel traffic signal pole at the north west corner of 26<sup>th</sup> Street. Installation of the 2-28'-6" Pendant Post Street Light Poles the south



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east corner and south west corner of 24<sup>th</sup> Street. Installation of the 2-28'-6" Pendant Post Street Light Poles on the north side at 23<sup>rd</sup> Street. Excavation for the 3 Street Light Pole foundations between 15<sup>th</sup> Street and 16<sup>th</sup> Street. Excavation for and the installation of the 6" 12" ductile iron pipe and valves at the south west corner of 17<sup>th</sup> Street. Excavation for and the installation of the 12" ductile Iron Pipe on the 1600 block. Excavation for and the installation of shoring and waterline at Watermain "D" on the 1500 Block. Excavation of the roadway between 15<sup>th</sup> Street and 16<sup>th</sup> Street. Placement of the bedding and the installation of granite curb.

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Continuation of the work on Manhole #7 and manhole #3.

Washington Gas:

Continuation of the excavation work for the installation of the gas line.

Capitol Paving Removal/ Replacement of N/B Curb Lane:

Work continued on the demolition of the roadway. Commencement of the excavation work along the curb lane.

**3. Saturday 11/8:**

Benning Road:

Excavation for the installation of the 12" Ductile Iron Pipe on the south side at the intersection of 17<sup>th</sup> Street. Installation of the 12" Ductile Iron Pipe at the intersection of 16<sup>th</sup> Street. Installation of the 6" underdrain and the installation of the brick gutter on the south side between 15<sup>th</sup> Street and 16<sup>th</sup> Street. Removal of 1 No-Parking and 1-No Standing between 15<sup>th</sup> Street and 17<sup>th</sup> Street.

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench.

Capitol Paving Removal/ Replacement of N/B Curb Lane:

Work continued on the demolition of the roadway. Continuation of the excavation work along the curb lane.

**4. Sunday 11/9:**

No work completed.



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## **5. Monday 11/10:**

### Benning Road:

Placement of the 2<sup>nd</sup> Lift of 19mm superpave Asphalt at the centerlane between 24<sup>th</sup> Street and 25<sup>th</sup> Street, between 25<sup>th</sup> Street and 26<sup>th</sup> Street, between 26<sup>th</sup> Street and Oklahoma Ave and between Oklahoma Ave and the east end of the project. Removal of the PCC Barriers from 21<sup>st</sup> Street and 25<sup>th</sup> Street. Installation of the formwork and the placement of the concrete for the street light pole foundations between 15<sup>th</sup> street and 16<sup>th</sup> street. Installation of the 28'-6" pendant post street lights L#26 and L#104 at 18<sup>th</sup> Street. Installation of 2-20' steel signal pole and the installation of 1 -250 watt HPS Teardrop Fixture for #L47 at 21<sup>st</sup> Street. Installation of the 28'-6" pendant posts at 23<sup>rd</sup> Street and at 25<sup>th</sup> Street. Installation of 3-20' steel signal poles at 24<sup>th</sup> Street and at 26<sup>th</sup> Street. Installation of 3 -250 watt HPS Teardrop Fixture for #L79, L#84 and L#86 at Oklahoma Ave. Excavation, shoring work and preparation for the shutdown of Watermain "D" at the 1500 Block. Installation of the base for the brick gutter and the straight granite curb installations at the 1500 block. Excavation for and the installation of the 12" ductile Iron Pipe and the backfill work for Watermain "A".

### Bladensburg Rd North Bound Lane:

Continuation of work for the excavation and installation of the Watermain for blowoff.

### PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Continuation of the work on Manhole #7 and manhole #3.

### Washington Gas:

Continuation of the excavation work for the installation of the gas line. Work at manhole #3 to offset the gas line.

### Capitol Paving Removal/ Replacement of N/B Curblane:

Installation of the subgrade to 22 inches and the commencement of the bus pad at 132+90 to 133+80.

## **6. Tuesday 11/11:**

### PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Continuation of the work on Manhole #7 and manhole #3.

### Washington Gas:

Continuation of the excavation work for the installation of the gas line. Addition of the 2<sup>nd</sup> crew for the installation of the Gasline and service connection work.





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**7. Wednesday 11/12:**

Benning Road:

Placement of concrete for the light pole foundations of LB#7, LB#9 & #21 between 15<sup>th</sup> Street and 16<sup>th</sup> Street. Placement of 3-#16 Cast Iron Poles between 15<sup>th</sup> Street and 16<sup>th</sup> Street. Installation of 3-Galvanized Steel Transformer Bases between 16<sup>th</sup> Street and 17<sup>th</sup> Street. Installation of one 400 Watt HPS Tear Drop fixture; L#7. Installation of 1-250 Watt Teardrop Fixture between 19<sup>th</sup> Street and 20<sup>th</sup> Street. Installation of 1-400 Watt HPS Teardrop fixture at 23<sup>rd</sup> Street. Installation of Brick Gutter at the 1500 Block. Excavation and installation 6" underdrain pipe and the installation of the valve casing with backfill for watermain "A". Excavation for and the installation of the 12" ductile iron pipe and backfill for watermain "A". Preparation for the installation of 12" Ductile Iron Pipe.

PEPCO work:

Work on the excavation of the trenching, hand digging around utilities and the installation of the shoring of the trench. Continuation of the work on Manhole #7 and manhole #3. Installation of the 10 way 5" fiberglass electrical conduit for the PEPCO Feederline.

Washington Gas:

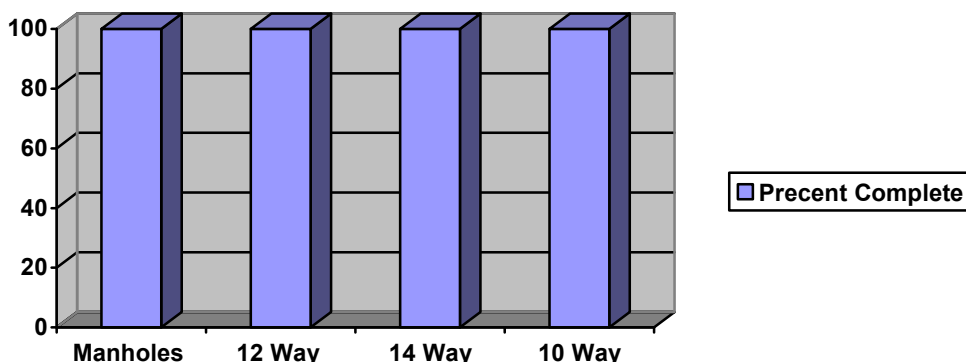
Continuation of the excavation work for the installation of the gas line. Commencement of the work on Valve IFO at 1647 Benning Rd.

## Utilities Reconstruction Update 11-12-08

### PEPCO:

#### Distribution Line Duct Bank Construction:

Manholes Completed:	20	Total Manholes: 20	%Complete:	100%
12 Way Length Complete:	7764'	Total Length: 7764'	%Complete:	100%
14 Way Length Complete:	1619'	Total Length: 1619'	%Complete:	100%
10 Way Length Complete:	34'	Total Length: 34'	%Complete:	100%



### Issues and Resolutions:

- Capitol began the removal and replacement of the north bound curblane on 11/6/08. Completion and progress of this work is dependent upon the progress and completion of the PEPCO Feederline Replacement work.
- Progress by PEPCO on the on the Feederline Replacement work has slowed between 18<sup>th</sup> Street and 19<sup>th</sup> Street due to issues in tunneling under existing utilities. A definite completion date is uncertain at this time but is expected by 12/31/08.
- The PEPCO work on the Feederline Replacement and the delayed start of the PEPCO Starburst area work continues to delay progress of Roadway work.
- Production from Capital Paving has been reduced by 66% on a weekly basis due to the ongoing PEPCO work.

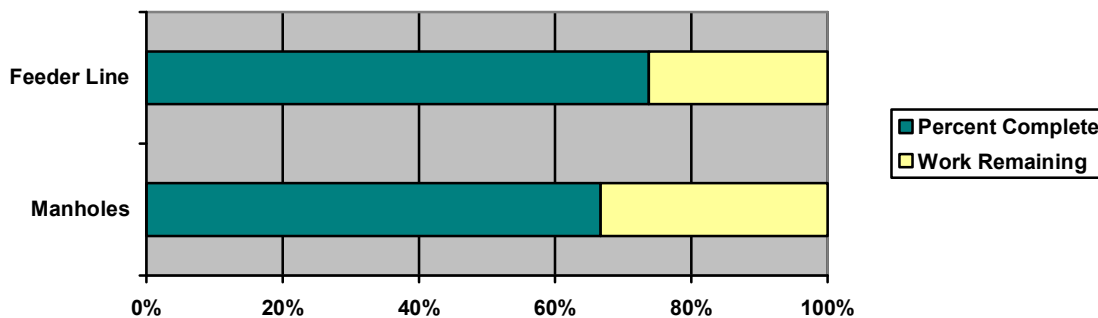


- Work on the Starburst Area distribution line construction, between 14<sup>th</sup> Street and 16<sup>th</sup> Street, has yet to be started. Permit for this work is still pending. The original project duration was from February 2009 to November 2009. Percent complete for this work is 0%.
- The project timeline has been condensed due to that the delayed start of work will continue to impact the production of the Capitol Paving work for the project. The new project duration is proposed to be from mid November 2008 to May 2009.
- The permanent MOT has been reinstalled for Capital Paving and Washington Gas to continue work on the south side. The completion of the gas main work is required in order for Capitol Paving work to be completed.
- Gasline and service installation on the 1800 Block is slow due to the inaccessibility of the residents in the area. Interior access is required for the completion of the work.
- The 2<sup>nd</sup> Washington Gas crew has commenced work on 10/11/08.

#### **PEPCO Feeder Line Replacement:**

4000' total feeder	2950 feet complete	73.8% complete
6 Manholes total	4 completed	66.7% complete

Work has started on 9/11/08. Initial saw cutting of the roadway was completed on 9/10/08. Expected duration is 180 days.



- 170 feet of feeder line was installed within this weekly report period

The delay in the start of this work has impacted the production of Capitol Paving work. Production from Capitol Paving has been reduced by 66% on a weekly basis.

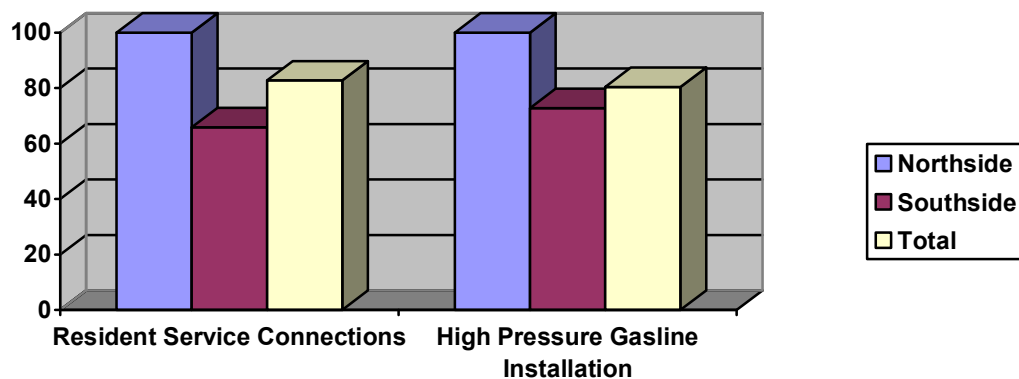
### Washington Gas:

Washington Gas continued the work on the south side gas main installation and connections on 10-14-09. The schedule for the Resident Service Connections and High Pressure gas line installation is on track.

Project progress for the report period:

- Installation of approximately 100' of gas main was installed
- 3 service connections were made this week on the southside.

### Washington Gas: Percent of Work Completed



### Northside:

Completed Connections:	43	Total Connections	43	%Complete:	100%
Gas Main install complete:	1290'	Total Length	1290'	%Complete:	100%

### Southside:

Completed Connections:	29	Total Connections	44	%Complete:	65.9%
Gas Main install complete:	2420'	Total Length	3325'	%Complete:	72.8%

### Project Totals:

Completed Connections:	72	Total Connections	87	%Complete:	82.76%
Gas Main install complete:	3710'	Total Length	4615'	%Complete:	80.4%



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### **Clear Channel:**

Four bus stops requiring electrical connections have been completed.

An additional bus stop shelter was installed at 19<sup>th</sup> Street. Electrical connections for this shelter are pending. Bus stop pavement for the bus stop at the north east corner of 26<sup>th</sup> Street is pending repair due a difference in elevation between the bus stop and the newly installed exposed aggregate sidewalk.

### **Attachment A:**

#### **RECONSTRUCTION OF BENNING ROAD N.E. TWO WEEK LOOK AHEAD SCHEDULE STARTING 11-12-08 TO 11-24-08**

##### **Bladensburg Rd. & Morse St**

- **11-12-08 Tie in watermain D & I Shutoff set-up @ 10:00PM for 3 days  
16<sup>th</sup> & Benning S/S**
- **11-12-08 Continue with Watermain A (10 days)  
1500 & 1600 Blocks Benning Rd. S/S**
- **11-12-08 Continue with curb and gutter, underdrain and roadway  
excavation**
- **11-12-08 Construct driveway aprons  
21<sup>st</sup> & Benning Rd. SWC**
- **10-13-08 Continue roadway excavation (10 days)  
Aggregate Industries work**
- **11-12-08 Continue laying asphalt between 21<sup>st</sup> St. an Metro over pass S/S**

##### **Nationwide Electrical Work**

- **11-12-08 Continue to install light pole foundations and set light poles  
Work for PEPCO on N/S**
- **11-12-08 Continue with roadway excavation**
- **11-13-08 Begin installation of GAB**
- **11-15-08 Pour finished concrete at Metro overpass and a bus pad at 26<sup>th</sup>  
St.**



Installation of the 12" ductile Iron Pipe on the 1600 block.



Installation of tack coat prior to the installation of the placement of the 2<sup>nd</sup> Lift of 19mm superpave Asphalt at the centerlane between 24<sup>th</sup> Street and 25<sup>th</sup> Street.





Installation of the subgrade to 22 inches for the north curblane reinstatement.



Placement of the bedding and the installation of granite curb.





Installation of a granite curbs at Catch Basin 22 on the 1600 Block..



Installation of the granite curbs and the brick gutter on the south side on the 1600 Block. Excavation of the roadway.